

Comparisons of Job Characteristics

Focus Occupation: Dental Assistants (31-9091)

Associated Occupation: Medical Equipment Preparers (31-9093)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 77

Focus Occupation: Dental Assistants (31-9091)

Associated Occupation: Medical Equipment Preparers (31-9093)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Customer and Personal Service	11.3	16.9	15.9	0	Current knowledge level may be sufficient
Public Safety and Security	6.9	10.3	3.0	<<	Extensive education and/or training may be required
Production and Processing	6.0	9.2	5.5	<<	Extensive education and/or training may be required
Medicine and Dentistry	3.7	8.4	15.5	>>	Current knowledge level is likely more than sufficient
Chemistry	4.8	8.0	4.9	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 81

Focus Occupation: Dental Assistants (31-9091)

Associated Occupation: Medical Equipment Preparers (31-9093)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Operation Monitoring	6.6	9.8	7.6	<	A higher skill level may be required
Quality Control Analysis	5.9	8.6	7.0	<	A higher skill level may be required
Equipment Maintenance	3.5	7.4	4.6	<<	Extensive development of skills in this area may be required
Troubleshooting	4.5	7.0	3.9	<<	Extensive development of skills in this area may be required
Repairing	3.4	6.3	4.4	<<	Extensive development of skills in this area may be required

Equipment Selection	3.3	5.5	3.6	<<	Extensive development of skills in this area may be required
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The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 93			
Focus Occupation: Dental Assistants (31-9091) Associated Occupation: Medical Equipment Preparers (31-9093)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Oral Comprehension	12.5	11.9	12.0	0	Current ability level may be sufficient
Problem Sensitivity	11.1	11.2	9.0	<	Some improvement in abilities may be required
Near Vision	11.1	10.8	10.6	0	Current ability level may be sufficient
Arm-Hand Steadiness	6.8	10.6	10.2	0	Current ability level may be sufficient
Oral Expression	12.4	10.6	11.5	0	Current ability level may be sufficient
Information Ordering	9.9	9.8	8.5	<	Some improvement in abilities may be required
Written Comprehension	11.0	9.8	9.6	0	Current ability level may be sufficient
Finger Dexterity	7.6	9.6	9.6	0	Current ability level may be sufficient
Static Strength	5.0	7.8	5.9	<<	Extensive improvement in abilities may be required
Rate Control	3.8	6.1	4.4	<<	Extensive improvement in abilities may be required
Wrist-Finger Speed	3.2	5.8	4.8	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 76
Focus Occupation: Dental Assistants (31-9091) Associated Occupation: Medical Equipment Preparers (31-9093)		
Work Activities		Exclusivity of Activity
Set up patient care equipment		75
Sterilize or disinfect instruments		92

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 43

Focus Occupation: Dental Assistants (31-9091)
Associated Occupation: Medical Equipment Preparers (31-9093)

Tools and Technologies	Exclusivity
Autoclave and sterilizer equipment and accessories	12
Business function specific software	1
Computers	1
Content authoring and editing software	1
Information exchange software	1
Presterilization cleaning equipment and solutions	24

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.